

### GIS REGISTRY INFORMATION

SITE NAME: WESTERFIELD BULK PLANT

BRRTS #: 02-43-096493

CLOSURE DATE: 11/18/2002

STREET ADDRESS: 14415 HWY 32-64

CITY: MOUNTAIN

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 638193 Y= 525910

OFF-SOURCE CONTAMINATION (>ES): ☐ Yes ☒ No

IF YES, STREET ADDRESS 1: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

IF YES, STREET ADDRESS 2: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

IF YES, STREET ADDRESS 3: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

IF YES, STREET ADDRESS 4: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

IF YES, STREET ADDRESS 5: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

SOIL CONTAMINATION >GENERIC OR SITE-SPECIFIC RCL: ☒ Yes ☐ No

IF YES, STREET ADDRESS 1: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

IF YES, STREET ADDRESS 2: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

CONTAMINATION IN RIGHT OF WAY: ☒ Yes ☐ No

#### DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued

Copy of most recent deed, including legal description, for all affected properties

Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties

County Parcel ID number, if used for county, for all affected properties

X
X

**Location Map** which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.

X

**Detailed Site Map(s) for all affected properties**, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or site-specific residual contaminant levels.

X

**Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)**

X

**Tables of Latest Soil Analytical Results (no shading or cross-hatching)**

X

**Isoconcentration map(s), if required for site investigation (SI)** (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.

X

**GW: Table of water level elevations, with sampling dates, and free product noted if present**

X

**GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)**

X

**SOIL: Latest horizontal extent of contamination exceeding generic or site-specific RCLs, with one contour.**

X

**Geologic cross-sections, if required for SI.** (8.5x14" if paper copy)

X

**RP certified statement that legal descriptions are complete and accurate**

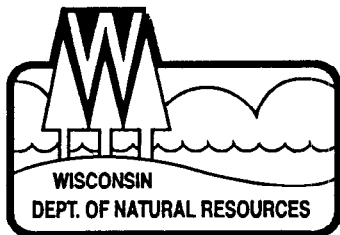
X

**Copies of off-source notification letters (if applicable)**

X

**Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)**

**Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.**



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Ronald W. Kazmierczak, Regional Director

Peshigo Service Center  
PO Box 208  
101 N. Ogden Road  
Peshigo, Wisconsin 54157  
Telephone 715-582-5048  
FAX 715-582-5005

November 18, 2002

LEE DAVIS  
PULASKI CHASE COOPERATIVE  
428 THIRD AVE  
PO BOX 79  
PULASKI WI 54162

SUBJECT: Final Case Closure by Closure Committee with Conditions Met  
Former Westerfield Oil Bulk Plant  
14415 HWY 32-64, Mountain, WI – Oconto County  
WDNR BRRTS # 02-43-096493

Dear Mr. Davis:

On September 9, 2002, your site as described above was reviewed for closure by the Northeast Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On September 23, 2002, you were notified that the Closure Committee had granted conditional closure to this case.

On November 14, 2002, the Department received correspondence indicating that you have complied with the conditions of closure. On this date, the Department received well abandonment forms for all monitoring wells at your site. Based on the correspondence and data provided, it appears that your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation, or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit:

<http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

Your site will also be listed on the DNR Soil GIS Registry. The required fee for inclusion on the Soil GIS Registry was received on October 23, 2002.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

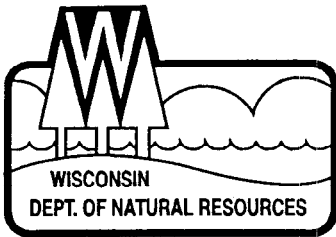
The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-582-5048.

Sincerely,

A handwritten signature in black ink, appearing to read "Cathy J. Rodda". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Cathy Rodda  
Hydrogeologist  
Remediation & Redevelopment Program

cc: Sue Knabe – Northern Environmental (electronic copy only)  
File



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Ronald W. Kazmierczak, Regional Director

Peshtigo Service Center  
PO Box 208  
101 N. Ogden Road  
Peshtigo, Wisconsin 54157  
Telephone 715-582-5048  
FAX 715-582-5005

September 23, 2002

LEE DAVIS  
PULASKI CHASE COOPERATIVE  
428 THIRD AVENUE  
PO BOX 79  
PULASKI WI 54162

Subject: Conditional Case Closure with NR 140 Exemption  
Former Westerfield Oil Bulk Plant  
14415 HWY 32-64, Mountain, Wisconsin  
WDNR BRRTS # 02-43-096493

Dear Mr. Davis:

On September 9, 2002, your request for closure of the case described above was reviewed by the Northeast Region Closure Committee. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the closure committee has determined that the petroleum contamination on the site from the former above ground storage tanks appears to have been investigated and remediated to the extent practicable under site conditions. Your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

### MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Cathy Rodda on Form 3300-5B found at <http://www.dnr.state.wi.us/org/water/dgw/gw/> or provided by the Department of Natural Resources.

### WASTE AND SOIL PILE REMOVAL

Any remaining waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining waste and/or soil piles have been removed once that work is completed.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit:

<http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

Inclusion on the GIS Registry serves as notice of the remaining groundwater contamination exceeding ch. NR 140.28(4)(b) & (c). Groundwater contamination removes above ch. NR 140 enforcement standards at MW-1100 for benzene, ethylbenzene, naphthalene, toluene, and trimethylbenzenes, at MW-1300 for benzene, and at MW-1500 for benzene, naphthalene, and trimethylbenzenes.

Your site will also be listed on the Department's Soil GIS Registry because of the remaining contamination at soil sample S-74. At this location, soil remains that exceeds ch. NR 720 table 1 values for xylene, and ch. NR 746 table 1 values for 1,3,5 trimethylbenzene. The Department must have the \$200.00 Soil GIS Registry fee before final closure can be granted for this case. Inclusion on the Soil GIS Registry serves as a public notice to any future property owner of the remaining soil contamination at the site.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-582-5048.

Sincerely,



Cathy Rodda  
Hydrogeologist  
Remediation & Redevelopment Program

Enclosure

cc: Bill Phelps – DG/2 (electronic copy only)  
Sue Knabe – Northern Environmental (electronic copy only)  
File

433921

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THIS INDENTURE, Made by \_\_\_\_\_  
INC.

WESTERFELD OIL COMPANY.

a Corporation duly organized and existing under and by virtue of the laws of  
the State of Wisconsin, grantor, of \_\_\_\_\_ Shawano  
County, Wisconsin, hereby conveys and warrants to \_\_\_\_\_  
Pulaski Chase, Camperative \_\_\_\_\_\_\_\_\_\_ grantee,  
of \_\_\_\_\_ BROWN \_\_\_\_\_ County, Wisconsin, for the  
sum of \_\_\_\_\_ One Dollar (\$1.00) and Other Valuable  
Consideration \_\_\_\_\_the following tract of land in \_\_\_\_\_ Oconto \_\_\_\_\_ County,  
State of Wisconsin:REGISTER OF DEEDS  
OCONTO COUNTY  
AT \_\_\_\_\_ 9 O'CLOCK \_\_\_\_\_

JAN 3 1996

Loralee Hasley  
REGISTER

RETURN TO DRAFTER

Tax Parcel No.  
004-030302023B1See legal description on  
attached Exhibit A

WIS. TRANSFER FEE

\$ 7.50  
OCONTO CO.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

In Witness Whereof, the said grantor has caused these presents to be signed by \_\_\_\_\_ Leon \_\_\_\_\_ Westerfeld \_\_\_\_\_  
its President, and countersigned by \_\_\_\_\_ Jeanette \_\_\_\_\_ Peterson \_\_\_\_\_  
its Secretary, at \_\_\_\_\_ Green Bay \_\_\_\_\_ Wisconsin, and its corporate seal to be hereunto affixed this  
\_\_\_\_\_ 21st \_\_\_\_\_ day of \_\_\_\_\_ December \_\_\_\_\_ A. D. 1995 \_\_\_\_\_

SIGNED AND SEALED IN PRESENCE OF

WESTERFELD OIL COMPANY, INC.

s. Leon Westerfeld \_\_\_\_\_  
President

Leon Westerfeld

COUNTERSIGNED:

s. Jeanette Peterson, Secy \_\_\_\_\_  
Jeanette Peterson \_\_\_\_\_

STATE OF WISCONSIN

BROWN

County, } ss.

Personally came before me, this \_\_\_\_\_ 21 \_\_\_\_\_ day of \_\_\_\_\_ December \_\_\_\_\_ A. D. 1995  
Leon \_\_\_\_\_ Westerfeld \_\_\_\_\_ President, and \_\_\_\_\_ Jeanette \_\_\_\_\_ Peterson \_\_\_\_\_ Secretary  
of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me  
known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing  
instrument as such officers of the deed of said Corporation, by its authority.

THIS INSTRUMENT WAS DRAFTED BY

Atty. John P. Schmidtke,  
345 S. Jefferson Street,  
Green Bay, WI 54301

Notary Public

My commission expires \_\_\_\_\_

Brown

County, Wis.

Is Permanent

WARRANTY DEED — By Corporation

STATE OF WISCONSIN

Wisconsin Legal Blank Co., Inc.  
Milwaukee, Wis.THIS DOCUMENT COMPLIES WITH STANDARDS SET BY § 809.30 (3) (b).  
OCONTO COUNTY REGISTER OF DEEDS

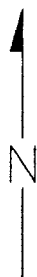
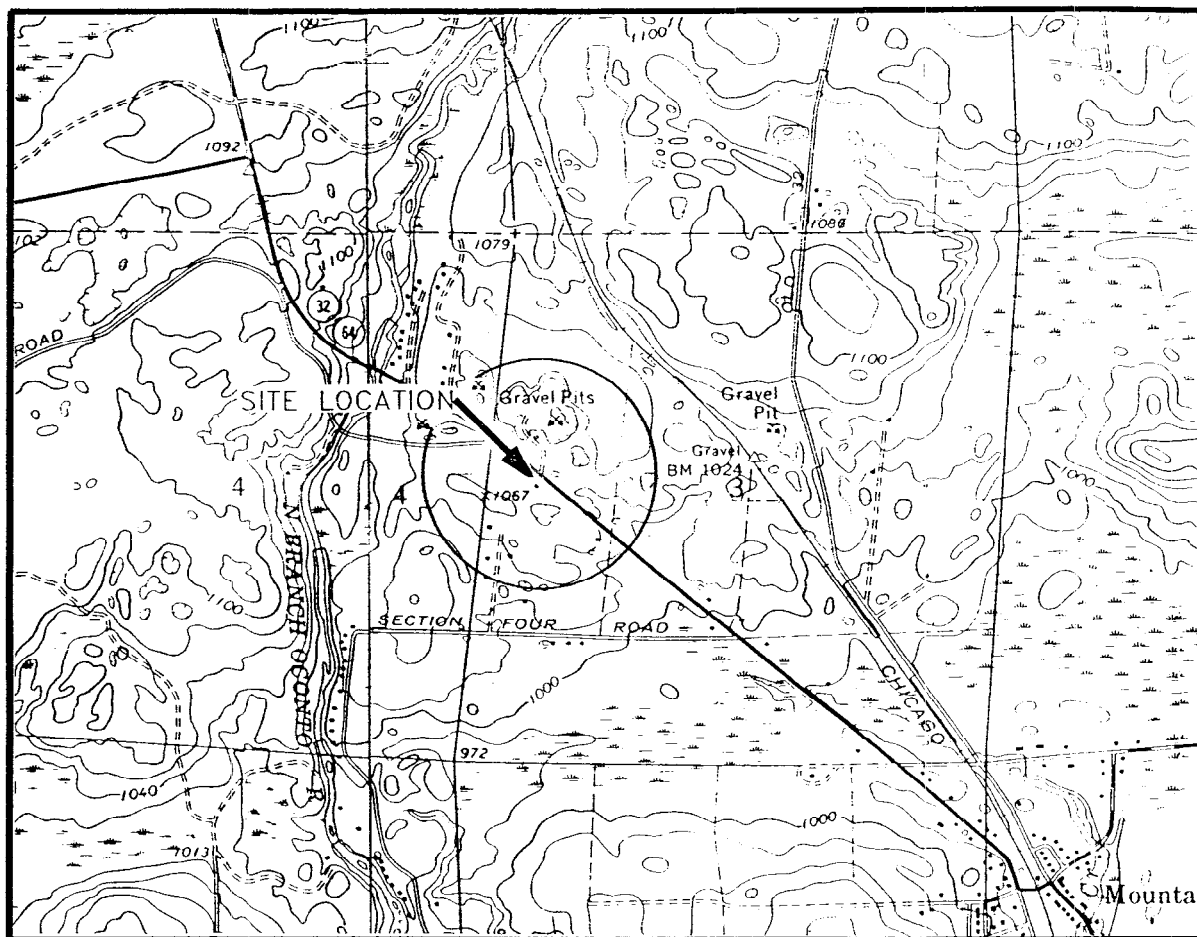
Exhibit A

That part of the Southwest Quarter of the Northwest Quarter (SW 1/4 of NW 1/4) of Section Three (3), Township Thirty-one (31) North, Range Sixteen (16) East, Town of Armstrong, Oconto County, Wisconsin, lying South and West of Highway 32 described as follows:

Commencing at the intersection of the center line of State Highway 32 and the western boundary of said Section 3; thence Southerly along the western boundary of said Section 350 feet; thence East 100 feet; thence North 275 feet more or less to the center line of State Highway 32; thence Northwesterly along the centerline of said highway to the place of beginning.

Property Address: 14415 State Highway 32/64 North  
Tax Parcel Number: 004-030302023B1





SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



BASE MAP SOURCE: USGS MOUNTAIN, WISCONSIN 7.5 MINUTE QUADRANGLE (REVISED 1973)

QUADRANGLE LOCATION

DRAWN BY: LFC

PROJECT: PCC-363

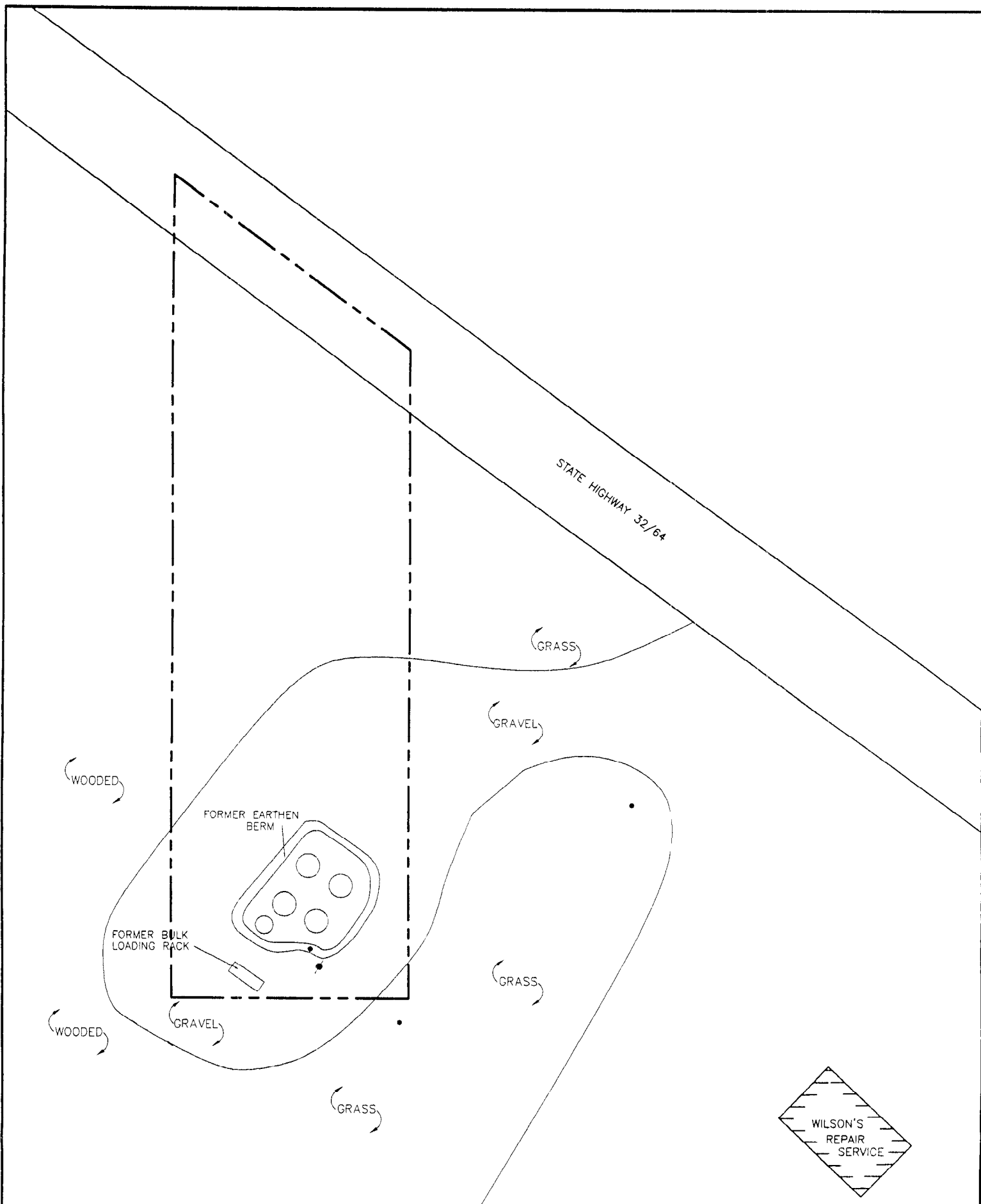
DATE: 10/10/98

THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

**Northern Environmental** SM  
Hydrologists • Engineers • Geologists

FIGURE 1  
SITE LOCATION AND LOCAL TOPOGRAPHY  
FORMER WESTERFELD OIL BULK PLANT  
MOUNTAIN, WISCONSIN

FOR: PULASKI CHASE CO-OP



LEGEND

--- APPROXIMATE PROPERTY LINE

• UTILITY POLE

Table 5 Ground-Water Analytical Results, Former Westerfeld Oil Bulk Plant, Mountain, Wisconsin

Well ID	Screened Interval (ftg)	Date Sampled	Relevant and Significant Analytical Results (µg/l)															
			Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroform	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	Toluene	Trimethylbenzenes	Xylenes	
WAC PAL (µg/l)			1.5	0.5	0.05	NE	NE	0.6	6	200	140	NE	12	8	200	96	1000	
WAC ES (µg/l)			15	5	0.6	NE	NE	6	60	1000	700	NE	60	40	1000	480	10000	
MW900	5 - 20	05/16/97	7	0.36 J	0.35	4.9	6	0.116 J	0.76	0.48	0.86	1.03	0.69	2.29 J	60	21.9	75	
MW1000	22 - 37	06/03/98	---	1.8	---	---	---	---	---	---	3.7	---	2.6	<0.88	4.1	32	35	
		02/25/99	---	16	---	---	---	---	---	10	---	10	8.4	5.1	70	45		
		11/01/00 *	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	<1.0	<0.40	<0.80	<1.1		
MW1100	22 - 37	06/03/98	---	490	---	---	---	---	---	---	46	---	---	<8.8	1000	103	1100	
		02/25/99	---	3600	---	---	---	---	---	210	---	---	790	56 J	5200	490	2000	
		10/04/99	---	1300	---	---	---	---	---	490	---	---	140	<44	4300	950	3800	
		11/01/00 *	---	1800	---	---	---	---	---	740	---	---	<80	300 J	4200	1400	5100	
		02/06/01 *	---	2800	---	---	---	---	---	1100	---	---	180 J	280 J	8900	2770	8100	
		05/07/01 *	---	190	---	---	---	---	---	560	---	---	<0.40	240 J	2600	2380	4700	
		9/4/2001 *	---	1100	---	---	---	---	---	790	---	---	57 J	200	3700	2740	6500	
MW1200	22 - 47	06/03/98	---	1 J	---	---	---	---	---	---	0.78 J	---	---	0.77 J	<0.88	1 J	5.1	9.3
		02/25/99	---	<0.32	---	---	---	---	---	<0.34	---	---	<0.31	<0.88	<0.35	<0.99	<1.0	
		11/01/00 *	---	<0.40	---	---	---	---	---	<0.40	---	---	<0.40	<1.0	<0.40	<0.80	<1.1	
MW1300	20 - 35	06/03/98	---	21	---	---	---	---	---	---	100	---	---	5.9	19	350	390	1100
		02/25/99	---	19	---	---	---	---	---	10	---	---	19	7.8	48	217	210	
		10/04/99	---	100	---	---	---	---	---	74	---	---	8.1	36	30	620	570	
		11/01/00 *	---	2.2	---	---	---	---	---	5.4	---	---	<0.40	2.6 J	<0.40	26	16	
		02/06/01 *	---	23	---	---	---	---	---	68	---	---	2.8	35	<2.8	189	121	
		05/07/01 *	---	3.6	---	---	---	---	---	1.1 J	---	---	<0.40	1.2 J	<0.40	4.8	<1.10	
MW1400	20 - 35	09/04/01 *	---	6.1	---	---	---	---	---	---	7.6	---	---	1.4	2.3 J	4	41	100
		08/28/98	2.8 J	<0.32	---	---	---	---	---	<0.34	---	---	<0.31	<0.88	<0.35	<0.99	<0.98	
		02/25/99	---	<0.32	---	---	---	---	---	<0.34	---	---	<0.31	<0.88	<0.35	<0.99	<1.0	
	11/01/00 *	---	<0.40	---	---	---	---	---	<0.40	---	---	<0.40	<1.0	<0.40	<0.80	<1.1		

Table 5 Ground-Water Analytical Results, Former Westfield Oil Bulk Plant, Mountain, Wisconsin

			Relevant and Significant Analytical Results (µg/l)															
Well ID	Screened Interval (ftg)	Date Sampled	Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroform	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	Toluene	Trimethylbenzenes	Xylenes	
WAC PAL (µg/l)			1.5	0.5	0.06	NE	NE	0.6	6	200	140	NE	12	8	200	96	1000	
WAC ES (µg/l)			15	5	0.6	NE	NE	6	60	1000	700	NE	60	40	1000	480	10000	
MW1500	20 - 35	08/28/98	< 1.0	680	---	---	---	---	---	---	1400	---	---	73	200	4500	2280	7200
		02/25/99	---	370	---	---	---	---	---	---	830	---	---	66	240	2100	1510	4000
		10/04/99	---	390	---	---	---	---	---	---	880	---	---	29	190	750	1700	3600
		11/01/00 *	---	150	---	---	---	---	---	---	680	---	---	<20	220	350	1900	2580
		02/06/01 *	---	190	---	---	---	---	---	---	540	---	---	15 J	160	210	1240	1460
		05/07/01 *	---	47	---	---	---	---	---	---	220	---	---	< 8.0	85	280	940	1700
		09/04/01 *	---	93	---	---	---	---	---	---	490	---	---	<20	130 J	210	1370	1900
MW1600	25 - 40	02/25/99	---	< 0.32	< 0.38	0.91	< 0.34	< 0.4	< 0.37	< 0.28	< 0.34	< 0.31	< 0.31	< 0.88	< 0.35	1.96 J	0.76 J	
		10/04/99	---	< 0.32	---	---	---	---	---	---	< 0.34	---	---	< 0.31	< 0.88	< 0.35	< 0.99	< 1
		11/01/00 *	---	< 0.40	---	---	---	---	---	---	< 0.40	< 0.40	---	1.9	1.1 J	< 0.40	0.7 J	< 1.1
		02/06/01 *	---	< 0.40	---	---	---	---	---	---	< 0.40	< 0.40	---	< 0.40	< 1.0	< 0.40	< 0.80	< 1.1
		05/07/01 *	---	< 0.40	---	---	---	---	---	---	< 0.40	< 0.40	---	< 0.40	< 1.0	< 0.40	< 0.80	< 1.1
		09/04/01 *	---	< 0.40	---	---	---	---	---	---	< 0.40	< 0.40	---	< 0.40	< 1.0	< 0.40	< 0.80	< 1.1
		Private Well	41 - 57	08/20/96	---	< 0.7	---	---	---	---	---	< 0.7	---	---	5.9	< 0.41	< 1	< 1.9
11/07/96	---	2.5		---	---	---	---	---	---	< 0.7	---	---	3.6	---	3.2	< 1.9	2.8	
06/03/98	---	1.9		---	---	---	---	---	---	< 0.34	---	---	5.1	< 0.88	< 0.35	< 0.99	< 1	
02/25/99	---	0.81		---	---	---	---	---	---	< 0.34	---	---	2	< 0.88	< 0.35	0.37 J	1.1 J	
11/01/00 *	---	< 0.40		---	---	---	---	---	---	< 0.40	< 0.40	---	1.8	< 1.0	< 0.40	< 0.80	< 1.1	
02/06/01 *	---	< 0.40		---	---	---	---	---	---	< 0.40	< 0.40	---	2	< 1.0	0.43 J	< 0.80	< 1.1	
05/07/01 *	---	< 0.40		---	---	---	---	---	---	< 0.40	< 0.40	---	< 0.40	< 1.0	< 0.40	< 0.80	< 1.1	
09/04/01 *	---	< 0.40	---	---	---	---	---	---	< 0.40	< 0.40	---	< 0.40	< 1.0	< 0.40	< 0.80	< 1.1		

--- = Not analyzed  
 \* = Analyte detected between Limit of Detection and Limit of Quantitation  
 µg/l = micrograms per liter  
 MTBE = Methyl-Tertiary-Butyl-Ether  
 NE = Not established by Wisconsin Administrative Code (WAC)  
 J = Analyte detected between Limit of Detection and Limit of Quantitation  
 --- = Not analyzed  
 --- = WAC Preventive Action Limit Exceeded  
 --- = WAC Enforcement Standard Exceeded

Table 2 Remedial Action Soil Analytical Results, Former Westerfeld Oil Bulk Plant, Mountain, Wisconsin

Sample Number	Sample Depth (feet)	Depth to Water	Sample Location	PID Result (um)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Relevant and Significant Analytical Results (µg/kg)						
								Benzene	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
WAC NR 720 Generic RCL								5.5	2900	NE	1500	NE	NE	4100
NR 746 Table 1 Value								8,500	4,600	NE	38,000	83,000	11,000	42,000
NR 746 Table 2 Value								1,100	NE	NE	NE	NE	NE	NE
S20	2	21.14 - 25.36	Confirmation Dirty	530	10/02/00	720	4,400	<2000	110,000	<1800	32,000	450,000	140,000	920,000
S27	7	21.14 - 25.36	Confirmation Dirty	691	10/02/00	580	2,400	<2000	40,000	<1800	88,000	250,000	76,000	540,000
S39	4	21.14 - 25.36	Northwest Sidewall	31	10/03/00	27	61	<50	620	<45	500	3,800	1,600	4,300
S41	12	21.14 - 25.36	Bottom	80	10/03/00	<1.5	10	<25	95	<25	63	730	280	760
S44	6	21.14 - 25.36	Northeast Sidewall	26	10/03/00	<1.5	<1.2	<25	<25	<25	<25	<25	<25	<50
S50	4	21.14 - 25.36	East Sidewall	5	10/03/00	<1.5	<1.2	<25	<25	<25	<25	<25	<25	<50
S55	4	21.14 - 25.36	East Sidewall	16	10/03/00	41	6	<25	<25	<25	<25	<25	<25	<50
S60	4	21.14 - 25.36	Southeast Sidewall	5	10/03/00	<1.5	1.5	<25	<25	<25	<25	<25	<25	<50
S65	4	21.14 - 25.36	Southwest Sidewall	1	10/03/00	<1.5	<1.2	<25	<25	<25	<25	<25	<25	<50
S69	4	21.14 - 25.36	West Sidewall	1	10/03/00	<1.5	<1.2	<25	<25	<25	<25	<25	<25	<50
S74	4	21.14 - 25.36	West Sidewall	80	10/03/00	180	210	<100	1,400	<90	790	15,000	54,000	15,600
S76	12	21.14 - 25.36	Bottom	8	10/03/00	<1.5	<1.2	<25	<25	<25	<25	<25	<25	<50

Key:  
GRO = Gasoline Range Organics  
DRO = Diesel Range Organics  
MTBE = Methyl-Tertiary-Butyl-Ether  
mg/kg = milligrams per kilogram  
µg/kg = micrograms per kilogram  
- Not Analyzed

NE = Not Established by Wisconsin Administrative Code (WAC)  
RCL = Residual Contaminant Level  
120 = WAC RCL Exceeded

- this does not exceed  
NR 746  
Table values  
from 12-1 TMB

**Table 4 Water Elevation Data, Former Westerfeld Oil Bulk Plant, Mountain, Wisconsin**

Well I.D.	Ground Surface Elevation (feet)	Reference Point Elevation (feet)	Top of Well Screen Elevation (feet)	Bottom of Well Screen Elevation (feet)	Date	Depth to Water (feet)		Water Table Elevation (feet)
						Below Riser	Below Grade	
MW900	NA	97.98	94.56	79.56	06/05/98	13.23	NA	84.75
					06/19/98	NA	NA	97.98
					08/13/98	13.35	NA	84.63
					08/28/98	NA	NA	97.98
MW1000	99.12	98.64	77.92	62.92	06/05/98	26.31	26.79	72.33
					06/19/98	26.05	26.53	72.59
					08/13/98	26.15	26.63	72.49
					08/28/98	27.11	27.59	71.53
					10/09/98	26.15	26.63	72.49
					02/25/99	26.16	26.64	72.48
					10/04/99	26.79	27.27	71.85
					11/01/00	26.49	26.97	72.15
					02/06/01	27.47	27.95	71.17
					05/07/01	23.15	23.63	75.49
					09/04/01	26.65	27.13	71.99
MW1100	98.34	97.77	77.00	62.00	06/05/98	27.02	27.59	70.75
					06/19/98	26.28	26.85	71.49
					08/13/98	25.89	26.46	71.88
					08/28/98	27.27	27.84	70.50
					10/09/98	25.78	26.35	71.99
					02/25/99	26.62	27.19	71.15
					10/04/99	27.30	27.87	70.47
					11/01/00	27.23	27.80	70.54
					02/06/01	27.49	28.06	70.28
					05/07/01	23.75	24.32	74.02
					09/04/01	26.64	27.21	71.13
MW1200	97.43	96.73	76.11	51.11	06/05/98	22.91	23.61	73.82
					06/19/98	22.69	23.39	74.04
					08/13/98	22.68	23.38	74.05
					08/28/98	23.36	24.06	73.37
					10/09/98	22.25	22.95	74.48
					02/25/99	22.31	23.01	74.42
					10/04/99	23.40	24.10	73.33
					11/01/00	23.08	23.78	73.65
					02/06/01	24.12	24.82	72.61
					05/07/01	21.07	21.77	75.66
					09/04/01	22.55	23.25	74.18

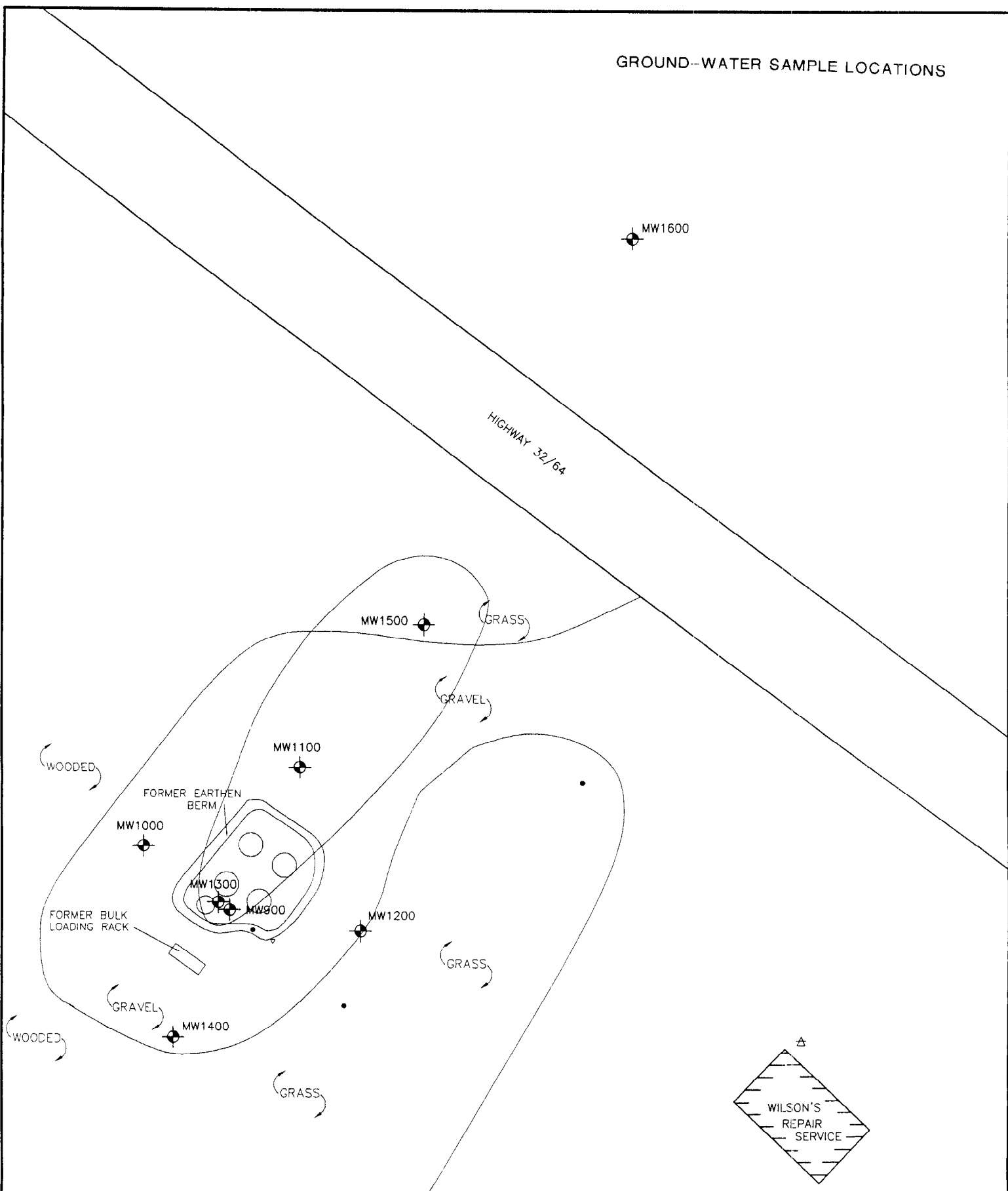
**Table 4 Water Elevation Data, Former Westerfeld Oil Bulk Plant, Mountain, Wisconsin**

Well I.D.	Ground Surface Elevation (feet)	Reference Point Elevation (feet)	Top of Well Screen Elevation (feet)	Bottom of Well Screen Elevation (feet)	Date	Depth to Water (feet)		Water Table Elevation (feet)
						Below Riser	Below Grade	
MW1300	99.01	101.12	79.20	64.20	06/05/98	24.56	22.45	76.56
					06/19/98	24.32	22.21	76.80
					08/13/98	23.85	21.74	77.27
					08/28/98	25.96	23.85	75.16
					10/09/98	23.48	21.37	77.64
	99.35	100.82			02/25/99	24.25	22.14	76.87
					10/04/99	26.16	24.05	74.96
					11/01/00	25.89	24.42	74.93
					02/06/01	26.83	25.36	73.99
					05/07/01	22.61	21.14	78.21
					09/04/01	23.87	22.40	76.95
MW1400	98.72	101.76	82.43	67.43	08/28/98	29.58	26.54	72.18
					10/09/98	23.10	20.06	78.66
					02/25/99	22.90	19.86	78.86
					10/04/99	21.87	18.83	79.89
					11/01/00	22.32	19.28	79.44
					02/06/01	23.06	20.02	78.70
					05/07/01	20.52	17.48	81.24
					09/04/01	22.29	19.25	79.47
MW1500	98.76	102.03	83.21	68.21	08/28/98	33.62	30.35	68.41
					10/09/98	33.40	30.13	68.63
					02/25/99	34.54	31.27	67.49
					10/04/99	34.24	30.97	67.79
					11/01/00	32.25	28.98	69.78
					02/06/01	34.57	31.30	67.46
					05/07/01	32.52	29.25	69.51
					09/04/01	33.59	30.32	68.44
MW1600	95.34	95.34	71.12	56.12	02/25/99	27.75	27.75	67.59
					10/04/99	24.45	24.45	70.86
					11/01/00	27.50	27.50	67.84
					02/06/01	27.90	27.90	67.44
					05/07/01	26.09	26.09	69.25
					09/04/01	27.03	27.03	68.31

Note

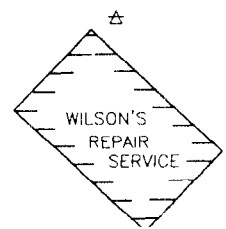
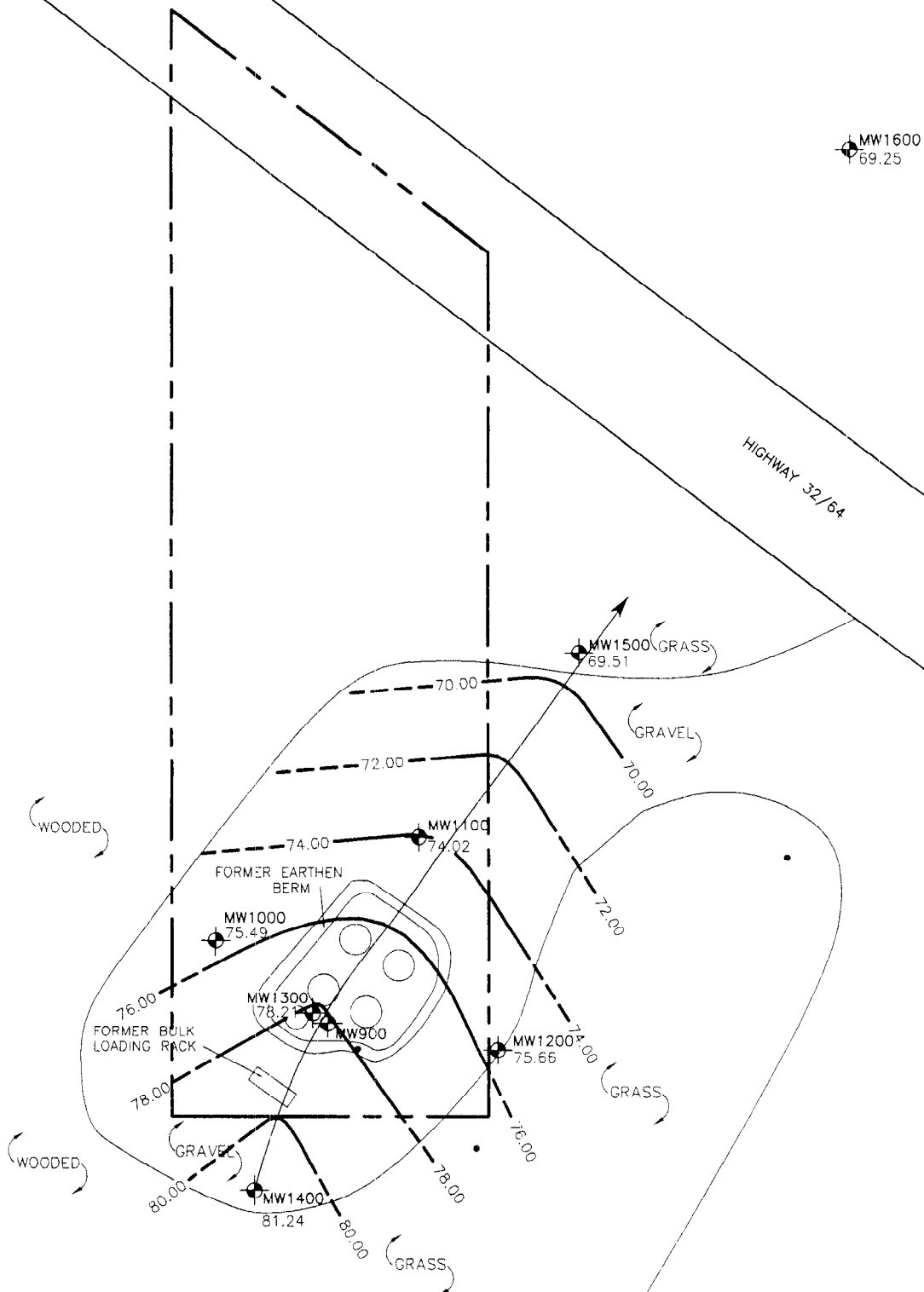
NA Not analyzed

# GROUND-WATER SAMPLE LOCATIONS

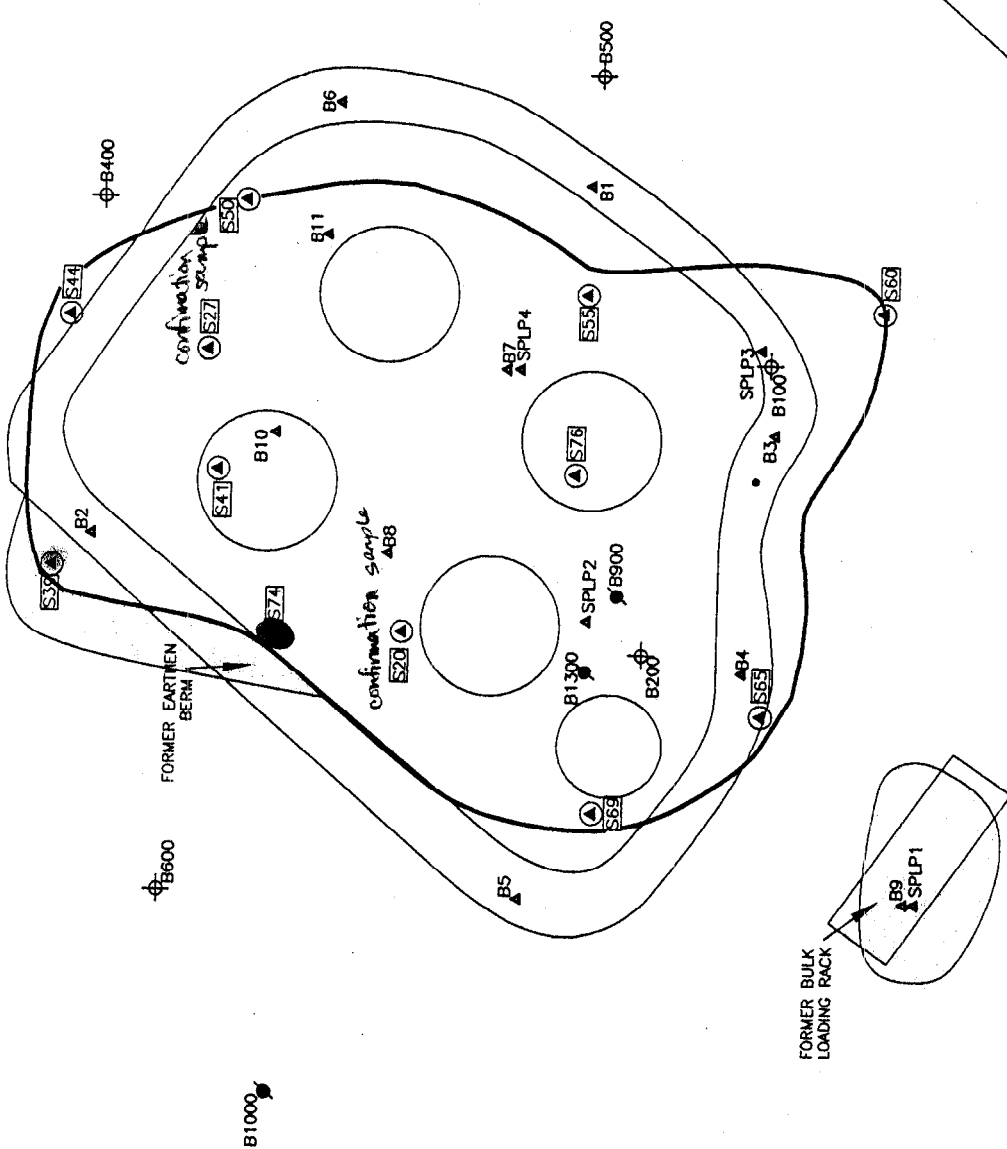




# GROUND-WATER CONTOUR MAP



# POST-REMEDIATION SOIL SAMPLE LOCATIONS



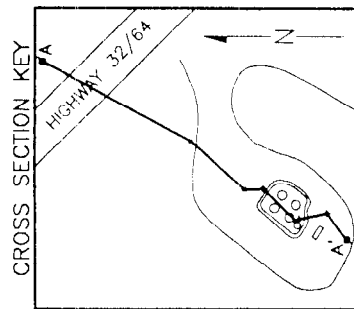
## LEGEND

- ▲ B8 HAND BORING LOCATION
- B1100 GEOPROBE BORING LOCATION
- B1100 HOLLOW-STEM AUGER
- SOIL BORING LOCATION
- UTILITY POLE
- FORMER AST LOCATION
- ▲ B92 SOIL SAMPLE LOCATION COLLECTED FOR FIELD SCREENING AND LAB ANALYSIS (ONLY BOXED IN NUMBERS HAVE BEEN SUBMITTED FOR LAB ANALYSIS)
- EXTENT OF REMEDIAL EXCAVATION
- APPROXIMATE PROPERTY LINE
- ESTIMATED EXTENT OF REMAINING SOIL CONTAMINATION

DRAWN BY: KRE	PROJECT: PCC-0363	DATE: 01/30/02
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<b>Northern Environmental</b> Hydrologists · Engineers · Geologists		
FORMER WESTERFIELD OIL BULK PLANT MOUNTAIN, WISCONSIN		
LABORATORY ANALYZED SOIL SAMPLE LOCATIONS WITH ESTIMATED EXTENT OF REMAINING SOIL CONTAMINATION		

> NR 720 Table 1  
 > NR 746 Table 1

FEET  
 5 10



A vertical scale for vertical exaggeration, ranging from 10 at the top to 40 at the bottom, with a major tick at 20. The text "VERTICAL EXAGGERATION 4X" is written vertically along the scale.

FOR: PULASKI CHASE CO-OP

*May 2, 2002*  
~~April 12, 2002~~

To Whom It May Concern:

RE: Legal Description for GIS Registry, Former Westerfeld Oil Bulk Plant, Mountain, Wisconsin.  
BRRTS # 02-43-096493

The legal description attached to this letter regarding the petroleum contamination remaining at the Former Westerfeld Oil Bulk Plant, 14415 Highway 32-64, Mountain, Wisconsin is complete and accurate.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lee Davis".

Mr. Lee Davis  
Pulaski Chase Cooperative

June 5, 2002  
(PCC03-1408-0363)

Ms. Sharlene Te Beest  
Wisconsin Department of Transportation  
Post Office Box 7965  
Madison, Wisconsin 53707-7965

RE: Notification of Remaining Petroleum Contamination in State Highway 32-64 adjacent to the  
Former Westerfeld Oil Bulk Plant, 14415 Highway 32-64, Mountain, Wisconsin; WDNR  
BRRTS ID # 02-43-096493; WDCOMM # 54173-9999-15

Dear Ms. Te Beest:

On behalf of Pulaski Chase Cooperative, Northern Environmental Technologies, Incorporated (Northern Environmental) is submitting written notification that petroleum contamination may exist beneath State Highway 32-46 adjacent to the former Westerfeld Oil Bulk Plant, 14415 Highway 32-64, Mountain, Wisconsin (the Site).

### **Background**

During January 1996, petroleum contamination was identified at the Site during a limited Phase II Environmental Site Assessment (ESA). Between June 1996 and February 1999, a site investigation was completed to define the extent of the petroleum release at the Site. Results of the site investigation indicated soil contamination was present in the vicinity of the former aboveground storage tank (AST) system and did not extend off-site.

During the investigation, monitoring well MW1500 was advanced on the southern side of the WDOT State Highway 32-64 right-of-way and downgradient of the Site. Results of a sample collected from MW1500 detected concentrations of benzene, ethylbenzene, MTBE, naphthalene, toluene, and trimethylbenzenes in excess of the Chapter NR 140 Wisconsin Administrative Code enforcement standard (ES). Based on these results, an additional monitoring well was needed to further define the downgradient extent of the contaminant plume. Based on the vicinity of MW1500 to State Highway 32-64, Northern Environmental contacted the Wisconsin Department of Transportation (WDOT) regarding access to install a monitoring well on the north side of the highway right-of-way. The WDOT approved the request and one monitoring well, MW1600, was subsequently installed downgradient of the Site. Six rounds of ground-water samples have been collected from MW1600. Laboratory results have not detected petroleum compounds in any of the ground-water samples collected from MW1600.

Based on the ground-water sampling results from MW1500 and the northerly direction of ground-water flow, petroleum-impacted ground-water originating from the Site may extend under State Highway 32-64 right-of-way. However based on the sampling results of monitoring well MW1600, the ground-water contaminant plume does not extend beyond the northern border of the WDOT right-of-way. The average depth to ground-water under State Highway 32-64 has ranged between 24 and 27 feet below grade. Petroleum-impacted soil was removed from the Site during October 2000. Petroleum-impacted soil did not appear to extend off site. Concentrations of petroleum compounds detected in the monitoring wells have exhibited a stable or decreasing trend. Based on ground-water monitoring results, Northern Environmental believes that natural attenuation will reduce contaminant

concentrations to below state standards within a reasonable period of time. A monitoring well location map and ground-water analytical results are included with this letter.

Northern Environmental is in the process of submitting a case closure request to the WDNR for the Site. As part of the closure request, the WDNR requires that notification of the presence of residual soil and ground-water contamination be given to the clerk of the town and county or municipality where the right-of-way is located and to the municipal department or state agency that maintains the right of way. This letter is intended to serve as the required written notification.

If you have any questions or concerns regarding the remaining petroleum contamination, please feel free to call Northern Environmental or Pulaski Chase Cooperative at

Northern Environmental  
954 Circle Drive  
Green Bay, Wisconsin 54304  
Phone (920) 592-8400  
Fax (920) 592-8444

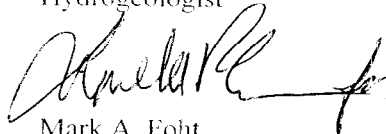
Pulaski Chase Cooperative  
428 Third Avenue  
Pulaski, Wisconsin 54162  
phone (920) 822-3235

We trust this information meets your needs.

Sincerely,  
**Northern Environmental  
Technologies, Incorporated**

*Susan Knabe*

Susan Knabe  
Hydrogeologist



Mark A. Foht  
Senior Project Manager

STK/jmv  
Enclosures

c: Mr. Lee Davis, Pulaski Chase Cooperative  
Ms. Cathy Rodda, WDNR